

REMARKS

35 U.S.C. § 102 and 103 Rejections

The Examiner rejected claims 1-18 under 35 U.S.C. § 102(b) as being anticipated by Arisaka (U.S. Patent No. 5,102,352, hereinafter "Arisaka") and has rejected claims 1-18 under 35 U.S.C. § 103(a) as being unpatentable over Arisaka. Applicant submits that these claims are not anticipated by Arisaka.

Arisaka discloses the embodiments, namely figures 2, 8, and 10 respectively. In the embodiment of figure 2, an insulating material 13 is provided with metal layers 15 and 16 within the insulating material 13 and another metal layer 10 on top of the insulating material 13. A plurality of pins are inserted through holes in the insulating material 13. Two of the pins have heads, one of which is indicated by reference numeral 21, connected to a common ground plane in the conductive layer 10. There is no indication that a separate set of the pins can be jointly connected to another one of the metal layers 15 or 16. The embodiment of figure 2 thus fails to disclose more than one set of pins that are connected to separate conductors.

Claim 1 specifically includes the limitation that there are first and second electrically disconnected conductors and that first and second sets of the interconnection elements are electrically connected to the first and second conductors respectively. Claim 1 thus includes at least one limitation that is not disclosed in the figure 2 embodiment of Arisaka.

Referring now to the embodiment of figure 4 in Arisaka, it appears that each one of the pins is connected to all of the metal layers 14', 15', and 16'. Since all of the pins are connected to all of the conductors, the conductors are thus not electrically disconnected from one another. Claim 1 includes the limitation that the first and second conductors are electrically disconnected. Claim 1 thus includes at least one limitation that is not suggested by the embodiment of figure 7 in Arisaka.

The embodiment of figure 10 in Arisaka is similar to the embodiment of figure 2. For the same reasons, claim 1 includes at least one limitation that is not disclosed by the embodiment of figure 10 in Arisaka.

Claims 2-18 include at least the same limitations as claim 1 and should be allowable for at least the same reasons as claim 1.

Applicant, accordingly, respectfully requests withdrawal of the rejections of claims 1-18 under 35 U.S.C. § 102(b) as being anticipated by Arisaka and under 35 U.S.C. § 103(a) as being unpatentable over Arisaka.

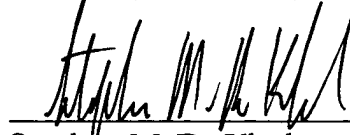
Applicant respectfully submits that the present application is in condition for allowance. If the Examiner believes a telephone conference would expedite or assist in the allowance of the present application, the Examiner is invited to call Stephen M. De Klerk at (408) 720-8300.

Please charge any shortages and credit any overages to Deposit Account No. 02-2666. Any necessary extension of time for response not already requested is

hereby requested. Please charge any corresponding fee to Deposit Account No. 02-2666.

Respectfully submitted,

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